



Tennessee Crop Weather

Tennessee Field Office • PO Box 41505 • Nashville, TN 37204 • (615) 781-5300 • www.nass.usda.gov
In Cooperation with Tennessee Department of Agriculture

Issued Monday 3:00 PM; June 28, 2010

Week Ending June 27, 2010

WHEAT HARVEST NEARS COMPLETION; A GENERAL RAIN NEEDED

Another week of well above average temperatures and only scattered showers persisted in Tennessee last week. Despite scorching temperatures, crops remained rated in mostly good condition, but a general rain across the state is needed. The corn crop is developing at a pace a week ahead of the five year average. Winter wheat harvest and tobacco transplanting are wrapping up quickly. Most of this year’s soybean crop has been planted, but some farmers will wait until moisture levels increase before planting double-cropped soybeans. Other farm activities last week included harvesting hay and herbicide applications.

There were 6 days suitable for fieldwork last week. Topsoil moisture levels were rated 10 percent very short, 35 percent short, 51 percent adequate and 4 percent surplus. Subsoil moisture levels were 6 percent very short, 25 percent short, 67 percent adequate and 2 percent surplus. Temperatures averaged about 6 to 8 degrees above normal. Precipitation levels were mostly below average, with a few spots in Middle Tennessee receiving slightly above average rainfall.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2009	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn – Silking	68	27	24	39	Corn	1	8	23	51	17
Cotton – Squaring	52	26	38	57	Cotton	0	2	18	66	14
Hay – First Cutting	94	88	95	98	Pastures	2	8	30	53	7
Soybeans – Planted	98	91	84	93	Soybeans	0	2	19	63	16
Soybeans – Emerged	89	78	68	82	Tobacco	0	1	15	70	14
Soybeans – Blooming	14	NA	NA	14						
Tobacco – Transplanted	96	91	94	95						
Winter Wheat – Ripe	99	94	98	99						
Winter Wheat – Harvested	91	56	78	89						

NA = Not Available

County Agent Comments

“After this week’s 95+ temperatures and dry weather we are beginning to see stress areas in some fields on some crops. There are concerns about what effect these hot days will have on corn crop pollination. Cotton progressing well. Soybeans progressing well, but need water especially those planted after wheat.”

Tim Campbell, Dyer County

“We are very dry in Fayette County. The crops could use some rain. Everything looks good but dry. Where we have irrigation, it is running. This dry weather has helped those harvesting wheat and cutting hay.”

Jeffery D. Via, Fayette County

“The extreme heat has drastically dried out soils and set back all crops. All crops, especially corn, are in need of moisture and they need it soon. Wheat harvest and first hay cutting are complete. Farmers are waiting on moisture to plant soybeans behind wheat.”

Calvin Bryant, Lawrence County

“Some parts of the county are extremely dry. Tobacco that was planted in the past two weeks is really struggling. Some may have to be re-set. Early planted tobacco is holding on but really needs a rain. Pastures have started to dry up over the past week. Corn that is silking may not receive rain soon enough.”

Jason Evitts, Trousdale County

“About a third of the County is beginning to show moderate drought symptoms, about a third showing slight drought symptoms and a third got adequate rain from afternoon thunder showers.”

Ed Burns, Franklin County

“Dry week and hot temperatures have allowed nearly all of our early hay to be baled and stored. Tobacco is looking good, some target spot is showing up. Soybeans and corn are still good. More face flies and horn flies on cattle than normal. Pasture and hayfields need rain.”

John Goddard, Loudon County

TEMPERATURES AND PRECIPITATION
For week ending: June 27, 2010 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending June 27, 2010				Current Week 6/27/10	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
West										
Ames_Plantation	99	69	84	8	0.15	1	30.71	3.04	17.63	3.73
Brownsville_TN	95	71	85	7	0.60	1	36.28	8.53	24.72	10.77
Covington	95	71	83	6	0.00	0	31.82	4.32	20.21	6.39
Dyersburg	100	72	86	8	0.17	2	20.83	-5.04	11.06	-1.99
Huntingdon_Wate	96	71	83	7	0.89	3	28.16	1.08	17.59	4.27
Jackson_Exp_Stn	96	72	84	8	1.15	3	39.32	11.80	28.00	13.76
Lexington_TN	94	69	82	6	0.18	2	36.32	10.10	23.08	10.05
Martin	99	71	85	8	0.79	3	23.13	-3.79	13.00	-0.68
Memphis_AG	99	73	86	6	0.62	2	33.51	6.37	20.55	6.90
Milan	98	68	84	8	2.10	3	39.77	11.74	30.08	15.67
Paris	94	67	81	6	0.18	2	27.25	0.68	18.30	5.24
Savannah_6SW	96	69	83	6	0.43	2	36.16	5.82	20.94	6.06
Selmer	99	69	84	8	3.26	2	34.52	4.70	20.57	5.99
Union_City	97	70	83	7	1.03	2	24.60	-2.27	12.56	-1.13
Middle										
Clarksville_Sew	95	71	83	8	0.00	0	27.96	2.04	20.94	8.67
Cookeville	94	65	80	6	0.03	1	27.28	-1.52	12.23	-1.54
Crossville_AP	90	64	78	8	0.03	2	25.70	-2.92	12.64	-0.96
Dickson_AG	93	66	80	5	0.53	3	34.34	6.40	22.49	8.56
Dover_1W	95	68	82	7	2.08	2	30.08	3.18	21.96	8.96
Fayetteville_TN	97	65	81	7	1.00	2	25.54	-2.80	10.74	-2.32
Jamestown	91	63	77	6	0.06	1	26.40	-1.22	12.62	-1.16
Kingston_Spring	98	67	83	9	0.08	2	32.41	5.70	21.67	8.93
Lawrenceburg_Fl	95	68	82	8	0.70	3	32.09	2.89	15.28	1.90
Lewisburg	96	64	82	7	0.88	2	26.65	-1.68	14.62	0.87
Linden	96	67	82	7	0.23	2	33.16	4.05	22.20	8.08
Livingston_WLIV	93	66	80	6	0.36	2	30.58	4.20	15.76	2.90
Murfreesboro_5N	96	68	82	7	2.18	4	34.66	7.58	21.85	8.55
Nashville_Metro	96	70	83	7	1.03	3	34.52	9.82	24.10	11.64
Oneida	91	59	77	6	0.05	1	23.90	-3.76	11.78	-2.01
Portland_TN	96	71	83	9	0.00	0	22.80	-4.13	17.71	4.08
Pulaski_Water_P	92	66	79	3	0.53	2	28.77	0.19	14.72	1.53
Shelbyville	97	67	82	6	0.23	2	28.17	-0.03	15.53	2.21
Sparta_TN	95	64	80	7	1.05	1	31.86	3.88	13.67	0.26
Springfield	95	69	82	7	0.29	2	31.18	5.42	20.53	7.64
Springhill	98	65	81	6	0.15	2	30.95	2.27	17.62	3.55
Tullahoma	93	66	81	6	1.17	3	27.76	-1.81	13.20	-0.40
East										
Chattanooga/Lov	96	71	84	8	0.12	1	23.35	-4.17	9.99	-1.80
Cleveland_6NNE	95	67	82	8	0.20	2	24.58	-3.86	10.33	-2.55
Dayton	93	67	81	6	0.76	1	28.06	-0.94	13.56	0.58
Erwin_1W	92	61	77	8	0.06	2	17.33	-6.98	9.83	-2.97
Gatlinburg_2SW	97	61	78	8	0.50	4	25.01	-2.89	14.09	0.13
Greeneville	94	61	78	6	0.12	1	17.02	-4.36	9.70	-0.99
Kingston_AG	94	68	81	8	0.00	0	28.76	-0.96	14.43	0.79
Knoxville_AP	96	68	83	9	0.00	0	19.98	-4.74	7.95	-3.45
Newcomb	92	64	79	8	0.25	1	22.24	-5.42	10.94	-2.85
Norris_4NE	91	63	77	5	0.77	1	34.88	7.95	20.73	7.69
Tri-City_RGNL_A	93	60	78	6	0.45	2	15.12	-5.54	7.15	-3.14

DFN = Departure From Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) in inches.
Copyright 2010: AWIS, Inc. All Rights Reserved

The USDA, NASS, Tennessee Field Office gratefully acknowledges contributions to this publication by:
National Weather Service and the University of Tennessee's Extension.